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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/624,361	07/22/2003	Jeffrey Powell	13860 B	9213
26637	7590	02/01/2006	EXAMINER	
CNH AMERICA LLC INTELLECTUAL PROPERTY LAW DEPARTMENT 700 STATE STREET RACINE, WI 53404			BATSON, VICTOR D	
			ART UNIT	PAPER NUMBER
			3671	

DATE MAILED: 02/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/624,361	POWELL ET AL.	
	Examiner	Art Unit	
	Victor Batson	3671	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22,23 and 26-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 22,23 and 26-36 is/are allowed.
- 6) ☒ Claim(s) 37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Objections

Claims 22,23,26-36 are objected to because of the following informalities: In claim 22 line 16, and claim 27 line 20, "said a first pivoting location" lacks proper antecedent basis. The examiner suggests amending claim 22 lines 16-17 and claim 27 lines 20-21 to read "location positioned laterally outwardly from said first pivoting location relative to an axis extending centrally and longitudinally through said mainframe along said draft direction". Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 37 is rejected under 35 U.S.C. 103(a) as being unpatentable over Clifford et al. (3,223,178) in view of Van Mill (5,590,721).

Clifford et al., discloses a device for tilling soil including a plurality of rotating discs of a pair of adjacent disc gangs 12, 14, pivotally connected to the mainframe with the disc gangs capable of gang angle adjustment that would allow disc gangs to be brought into alignment. Clifford et al., also discloses a main beam 138 and a disc support beam 44 located in front of said main beam relative to the forward draft direction of the implement. Clifford et al., however lacks including a plurality of plow shanks.

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Van Mill teaches that it is known in the art for a cultivating device that uses disc gangs to also include a plurality of plow shanks. The use of plow shanks with disc gangs is a popular expedient that allows for operation in varying soil terrain (col. 1).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Clifford et al., by providing a plurality of plow shanks since such is a popular expedient that allows for operation in varying soil terrain.

Allowable Subject Matter

Claims 22,23,26-36 are allowed.

Response to Arguments

Applicant's arguments filed 11/18/05 have been fully considered but they are not persuasive. Applicant argues that Van Mill patent does not disclose disc gangs capable of alignment at a common gang angle relative to the draft direction, with Clifford et al., used to correct the deficiency. The examiner disagrees, and notes that Clifford et al., is cited as the primary reference, with Van Mill used to correct the deficiency of Clifford et al, disclosing plow shanks. Additionally, it is the examiner's position that Clifford et al., does disclose a disc support beam located in front of the main beam as set forth in the rejection above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor Batson whose telephone number is (571) 272-6987. The examiner can normally be reached on Monday through Thursday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Will can be reached on (571) 272-6998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

January 26, 2006



Victor Batson
Primary Examiner
Art Unit 3671